

Kenny, Ann

From: Kenny, Ann
Sent: Friday, July 06, 2001 12:36 PM
To: White, Gordon; Marchioro, Joan (ATG); Hellwig, Raymond; Young, Tom (ATG)
Subject: Low Flow Information Ecology has requested.

FYI.

The information that we are expecting to receive and review before we will "concur" with any mitigation approach for low flows includes:

1. Modeling Backup:
 - HSPF input files to Hydrus
 - Documentation regarding extrapolation of the Slice sections across the embankment
 - Graphs of time series data provided by Pacific Groundwater to Aquaterra.
 - Info related to Ecology comments discussed at the June 14 meeting regarding low-flow modeling (out-of-basin groundwater transfers, impervious area, etc.) [These pertain specifically to addressing public comments.]
 - Aggregated HSPF output files including 2006 HSPF, embankment seepage and non-hydrologic affects
2. Modeling results evaluation:
 - Ranked and graphed 7-day low flow values for the full record for the pre-project 1994 data. Determination of the "2-year" 7-day low flow location on the full record of pre-project data.
 - Graphed 7-day low flow values for the 1991 - 1994 period for 2006 post-project data. These values will aggregate HSPF results, embankment seepage results and non-hydrologic affects. This post-project graphed data should be presented on the same graph as the pre-project information.
 - "delta" values (7-day low flow impact) for the 1991 - 1994 period
3. Mitigation proposal:
 - Port proposal for mitigation volume and duration, rationale
 - Potential back-check of how mitigation would have worked if applied over full record
4. Vault feasibility information:
 - Information documenting feasibility of vault filling for low-flow mitigation

Following the meeting on July 9, Ecology will require written documentation to be provided by the Port re: meeting outcomes.

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